

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 89-71

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

WESTSIDE TREATMENT FACILITY AND SOUTHWEST OCEAN OUTFALL,
CITY AND COUNTY OF SAN FRANCISCO

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. The City and County of San Francisco (hereinafter discharger) submitted a written request dated April 7, 1989 for amendment of Waste discharge requirements in Board Order No. 88-106, adopted on June 15, 1988.
2. The discharge is presently regulated by Waste Discharge Requirements in Order 88-106 which states:

"B. Effluent Limitations


- d. The concentration of total coliform bacteria in the effluent derived directly from the treatment plant shall not exceed 10^6 MPN/100 ml. This effluent limitation shall not become effective until June 1, 1989, in order to allow the discharger time to complete studies required in EPA's administrative order and to allow EPA Region 9 and the Regional Board to evaluate the results. This effluent limitation may be deleted or modified if both EPA Region 9 and the Regional Board determine that year-round disinfection is not needed to fully protect beneficial water uses. The Regional Board shall hold public hearings prior to making such a determination. This limitation shall not apply during wet-weather periods when combined wastewater is discharged to the outfall from the Westside Transport. "
3. An EPA administrative order date December 18, 1986, required the discharger to conduct ocean current and bacteriological studies to evaluate potential water quality impact from the wastewater discharge from the Richmond-Sunset Water Pollution Control Plant through the new Southwest Ocean Outfall. The objectives of the studies were to:
 - a. Determine, if, and when, the wastefield from the CCSF Ocean Outfall contacts the shoreline and/or enters San Francisco Bay (inside the Golden Gate).

- b. Determine if the bacteriological body-contact standards of the California Ocean Plan are violated at any shoreline or nearshore location.
 - c. Develop estimates of the potential onshore transport of the wastefield under various seasonal and "critical" oceanographic conditions.
 - d. Provide data for comparison to model predictions of effluent initial dilution, farfield dilution, and wastefield transport.
- 4. The discharger submitted the final technical report dated April 3, 1989 entitled "Wastefield Transport and Bacteriological Compliance Studies of The San Francisco Ocean Outfall". The studies were conducted in 1987 and 1988. The findings suggest that the present non-disinfected wastewater discharge from the City and County of San Francisco's Southwest Ocean Outfall does not and will not in the future violate of the California Ocean Plan bacteriological body-contact standards.
 - 5. Regional Board and EPA Region IX staff have reviewed the above report and concur with these findings.
 - 6. The discharger and interested agencies and persons have been notified of the Board's intent to amend requirements for the existing discharge and have been provided with the opportunity for a public hearing and the opportunity to submit their written views and recommendations.
 - 7. The Board, at a public meeting, heard and consider all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the discharger in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder shall comply with the following:

- 1. Effluent Limitations B.1.d of Order No. 88-106 is deleted from the Order No. 88-106.
- 2. The Board reserves jurisdiction to reinstate disinfection requirements if new information becomes available in the future to support the reinstatement of the requirements.

I, Steven R. Ritchie, Executive Officer do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on May 17, 1989.


STEVEN R. RITCHIE
Executive Officer